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1 [Roaming and service management in public wireless networks using an innovative policy management architecture](#)

Ads I

Idir Fodil, Guy Pujolle

March 2005 International Journal of Network Management, Volume 15 Issue 2

Publisher: John Wiley & Sons, Inc.

Full text available: [pdf\(534.21 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 7, Downloads (12 Months): 133, Citation Count: 0

Nowadays, public wireless local area networks (WLANs), commonly called hotspots, are being largely deployed by WISPs (Wireless Internet Service Providers) as a means of offering ubiquitous Internet access to their customers. Although a substantial number ...

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2 [Formal specification of role-based security policies for clinical information systems](#)



Karsten Sohr, Michael Drouineaud, Gail-Joon Ahn

March 2005 SAC '05: Proceedings of the 2005 ACM symposium on Applied computing

Publisher: ACM

Full text available: [pdf\(196.29 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 16, Downloads (12 Months): 168, Citation Count: 1

Many healthcare organizations have transited from their old and disparate business models based on ink and paper to a new, consolidated ones based on electronic patient records. There are significant demands on secure mechanisms for collaboration and ...

Keywords: LTL, authorisation constraints, healthcare environments

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Exh
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3 [Security policies for downgrading](#)



Stephen Chong, Andrew C. Myers

October 2004 CCS '04: Proceedings of the 11th ACM conference on Computer and communications security

Publisher: ACM

Full text available: [pdf\(208.08 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 9, Downloads (12 Months): 117, Citation Count: 7

A long-standing problem in information security is how to specify and enforce expressive security policies that control information flow while also permitting information release (i.e., declassification) where appropriate. This paper presents security ...

Keywords: declassification, downgrading, information flow, noninterference, security policies

4 [Database privacy: balancing confidentiality, integrity and availability](#)



Martin S. Olivier

December 2002 ACM SIGKDD Explorations Newsletter, Volume 4 Issue 2

Publisher: ACM

Full text available: [pdf\(122.57 KB\)](#) **Additional Information:** [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 16, Downloads (12 Months): 233, Citation Count: 1

The emphasis in database privacy should fall on a balance between confidentiality, integrity and availability of personal data, rather than on confidentiality alone. This balance should not necessarily be a trade-off, but should take into account the ...

Keywords: availability, confidentiality, database privacy, dataveillance, integrity, personal data

5 [CPOL: high-performance policy evaluation](#)



Kevin Borders, Xin Zhao, Atul Prakash

November 2005 CCS '05: Proceedings of the 12th ACM conference on Computer and communications security

Publisher: ACM

Full text available: [pdf\(299.13 KB\)](#) **Additional Information:** [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 6, Downloads (12 Months): 55, Citation Count: 3

Policy enforcement is an integral part of many applications. Policies are often used to control access to sensitive information. Current policy specification languages give users fine-grained control over when and how information can be accessed, and ...

Keywords: performance, policy evaluation, privacy policy

6 [Trust management for IPsec](#)



May 2002 ACM Transactions on Information and System Security (TISSEC), Volume 5 Issue 2

Publisher: ACM

Full text available: [pdf\(321.98 KB\)](#) **Additional Information:** [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#), [review](#)

Bibliometrics: Downloads (6 Weeks): 16, Downloads (12 Months): 201, Citation Count: 2

IPsec is the standard suite of protocols for network-layer confidentiality and authentication of Internet traffic. The IPsec protocols, however, do not address the policies for how protected traffic should be handled at security end points. This article ...

Keywords: Credentials, IPsec, KeyNote, network security, policy, trust management

7 [Mesmenize: an open framework for enterprise security management](#)

Daniel Bradley, Audun Josang

January 2004 ACSW Frontiers '04: Proceedings of the second workshop on
Australasian information security, Data Mining and Web Intelligence,
and Software Internationalisation - Volume 32, Volume 32

Publisher: Australian Computer Society, Inc.

Full text available:  pdf(89.11 KB) Additional Information: full citation, abstract, references, index terms

Bibliometrics: Downloads (6 Weeks): 2, Downloads (12 Months): 114, Citation Count: 0

We have identified five problems that inhibit effective enterprise security management - policy divide, lack of reproducibility, lack of consistency, lack of coverage and lack of flexibility in current management systems. We discuss these problems and ...

Keywords: enterprise security management, expert system, network security, policy


8 Risks to the public in computers and related systems



Peter G. Neumann

January 2005 ACM SIGSOFT Software Engineering Notes, Volume 30 Issue 1

Publisher: ACM

Full text available:  pdf(211.64 KB) Additional Information: full citation, abstract, index terms

Bibliometrics: Downloads (6 Weeks): 13, Downloads (12 Months): 88, Citation Count: 0

Edited by Peter G. Neumann (Risks Forum Moderator and Chairman of the ACM Committee on Computers and Public Policy), plus personal contributions by others, as indicated. Opinions expressed are individual rather than organizational, and all of the usual ...


9 Privacy protecting data collection in media spaces



Jehan Wickramasuriya, Mahesh Datt, Sharad Mehrotra, Nalini Venkatasubramanian

October 2004 MULTIMEDIA '04: Proceedings of the 12th annual ACM international conference on Multimedia

Publisher: ACM

Full text available:  pdf(1.56 MB) Additional Information: full citation, abstract, references, cited by, index terms

Bibliometrics: Downloads (6 Weeks): 12, Downloads (12 Months): 105, Citation Count: 3

Around the world as both crime and technology become more prevalent, officials find themselves relying more and more on video surveillance as a cure-all in the name of public safety. Used properly, video cameras help expose wrongdoing but typically come ...

Keywords: access control, privacy, video surveillance


10 Revealing information while preserving privacy



Irit Dinur, Kobbi Nissim

June 2003 PODS '03: Proceedings of the twenty-second ACM SIGMOD-SIGACT-SIGART symposium on Principles of database systems

Publisher: ACM

Full text available:  pdf(209.90 KB) Additional Information: full citation, abstract, references, cited by, index terms

Bibliometrics: Downloads (6 Weeks): 11, Downloads (12 Months): 125, Citation Count: 23

We examine the tradeoff between privacy and usability of statistical databases. We

model a statistical database by an n -bit string d_1, \dots, d_n , with a query being a subset $q \subseteq [n]$ to be ...

Keywords: data reconstruction, integrity and security, subset-sums with noise

11 Verifying completeness of relational query results in data publishing



HweeHwa Pang, Arpit Jain, Krithi Ramamritham, Kian-Lee Tan

June 2005 SIGMOD '05: Proceedings of the 2005 ACM SIGMOD international conference on Management of data

Publisher: ACM

Full text available: pdf(426.37 KB) **Additional Information:** full citation, abstract, references

Bibliometrics: Downloads (6 Weeks): 10, Downloads (12 Months): 95, Citation Count: 1

In data publishing, the owner delegates the role of satisfying user queries to a third-party publisher. As the publisher may be untrusted or susceptible to attacks, it could produce incorrect query results. In this paper, we introduce a scheme for users ...

12 Extending query rewriting techniques for fine-grained access control



Shariq Rizvi, Alberto Mendelzon, S. Sudarshan, Prasan Roy

June 2004 SIGMOD '04: Proceedings of the 2004 ACM SIGMOD international conference on Management of data

Publisher: ACM

Full text available: pdf(172.57 KB) **Additional Information:** full citation, abstract, references, cited by

Bibliometrics: Downloads (6 Weeks): 13, Downloads (12 Months): 157, Citation Count: 15

Current day database applications, with large numbers of users, require fine-grained access control mechanisms, at the level of individual tuples, not just entire relations/views, to control which parts of the data can be accessed by each user. Fine-grained ...

13 A framework for malicious workload generation



Joel Sommers, Vinod Yegneswaran, Paul Barford

October 2004 IMC '04: Proceedings of the 4th ACM SIGCOMM conference on Internet measurement

Publisher: ACM

Full text available: pdf(609.78 KB) **Additional Information:** full citation, abstract, references, cited by, index terms, review

Bibliometrics: Downloads (6 Weeks): 10, Downloads (12 Months): 75, Citation Count: 4

Malicious traffic from self-propagating worms and denial-of-service attacks constantly threatens the everyday operation of Internet systems. Defending networks from these threats demands appropriate tools to conduct comprehensive vulnerability assessments ...

Keywords: network intrusions, traffic generation


14 A methodology for estimating interdomain web traffic demand



Anja Feldmann, Nils Kammenhuber, Olaf Maennel, Bruce Maggs, Roberto De Prisco, Ravi Sundaram

October 2004 | MC '04: Proceedings of the 4th ACM SIGCOMM conference on Internet measurement

Publisher: ACM

Full text available:  pdf(1.08 MB) Additional Information: full citation, abstract, references, cited by, index terms

Bibliometrics: Downloads (6 Weeks): 4, Downloads (12 Months): 74, Citation Count: 3

This paper introduces a methodology for estimating interdomain Web traffic flows between all clients worldwide and the servers belonging to over one thousand content providers. The idea is to use the server logs from a large content Delivery Network (CDN) ...


Keywords: analysis, estimation, interdomain, traffic demand, traffic matrix, web

15 Soft blocking: flexible blocker tags on the cheap

Ari Juels, John Brainard

October 2004 WPES '04: Proceedings of the 2004 ACM workshop on Privacy in the electronic society

Publisher: ACM

Full text available:  pdf(106.34 KB) Additional Information: full citation, abstract, references, cited by, index terms

Bibliometrics: Downloads (6 Weeks): 8, Downloads (12 Months): 108, Citation Count: 4

A "blocker" tag is a privacy-enhancing radio-frequency identification (RFID) tag. It operates by interfering with the protocol in which a reader communicates individually with other RFID tags. While inexpensive to manufacture in quantity, blockers are ...


Keywords: ALOHA, RFID tags, blocker tags, privacy, tree-walking

16 Tempus fugi and the need for an e-social contract

James Kaufman, Joann Ruvolo, Daniel Ford

May 2001 AGENTS '01: Proceedings of the fifth international conference on Autonomous agents

Publisher: ACM

Full text available:  pdf(114.22 KB) Additional Information: full citation, abstract, references, cited by, index terms

Bibliometrics: Downloads (6 Weeks): 1, Downloads (12 Months): 6, Citation Count: 3

For autonomous agents to achieve their full potential they require access to detailed private information. The time is rapidly approaching when we can build systems to gather this information and monitor all aspects of an individual's life. In this paper ...


Keywords: active calendar, agent, calendar, personal information management system, social contract

17 Combining static analysis and runtime monitoring to counter SQL-injection attacks

William G. J. Halfond, Alessandro Orso

July 2005 ACM SIGSOFT Software Engineering Notes, Volume 30 Issue 4


Publisher: ACM

Full text available:  pdf(690.08 KB) Additional Information: full citation, abstract, references, cited by, index terms


Bibliometrics: Downloads (6 Weeks): 23, Downloads (12 Months): 163, Citation Count: 4

Our dependence on web applications has steadily increased, and we continue to integrate them into our everyday routine activities. When we are making reservations, paying bills, and shopping on-line, we expect these web applications to be secure and ...

18 A semantics for web services authentication

 Karthikeyan Bhargavan, Cédric Fournet, Andrew D. Gordon
January 2004 POPL '04: Proceedings of the 31st ACM SIGPLAN-SIGACT symposium on Principles of programming languages

Publisher: ACM


Full text available:  [pdf\(234.05 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 20, Downloads (12 Months): 153, Citation Count: 8


We consider the problem of specifying and verifying cryptographic security protocols for XML web services. The security specification WS-Security describes a range of XML security tokens, such as username tokens, public-key certificates, and digital ...

Keywords: XML security, applied pi calculus, web services

19 Security of runtime extensible virtual environments

 Ernesto J. Sallés, James Bret Michael, Michael Capps, Don McGregor, Andrzej Kopolka
September 2002 CVE '02: Proceedings of the 4th international conference on Collaborative virtual environments

Publisher: ACM


Full text available:  [pdf\(128.78 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 9, Downloads (12 Months): 55, Citation Count: 1

Distributed, real-time virtual environment (VE) architectures have traditionally been driven by quality of service (QOS) considerations, with little or no concern paid to security issues. With recent advancements in functionality, computing power and ...

Keywords: collaborative environment, computer security, information assurance, runtime extensible virtual environment, security, taxonomy, virtual environment, virtual reality

20 An environmental sensor network to determine drinking water quality and security

 Anastassia Ailamaki, Christos Faloutsos, Paul S. Fischbeck, Mitchell J. Small, Jeanne VanBriesen

December 2003 ACM SIGMOD Record. Volume 32 Issue 4





Publisher: ACM

Full text available:  [pdf\(72.40 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#)

Bibliometrics: Downloads (6 Weeks): 12, Downloads (12 Months): 135, Citation Count: 2

Finding patterns in large, real, spatio/temporal data continues to attract high interest (e.g., sales of products over space and time, patterns in mobile phone users; sensor networks collecting operational data from automobiles, or even from humans with ...

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